data cyborgs

Constructing Datafied Relations, Week 8

Anvil Webapp Demo

- Free platform for making quick Python webapps
  - Can even be run from a Jupyter notebook
- Chatbot Webapp
- Colab Server Code
- Clone Anvil Project

Value-Sensitive Design

Speculative More-Than-Human Data Project

Overview

- **Part 1 (ca. 30 mins)**: Choose direct stakeholders, key values and discuss stakeholder perspectives on values.

- **Part 2 (ca. 1 hour)**: Pro-active Design – Speculative design of value-aligned tool.

Goal: Integrate data and models into a project that...

- Encourages symbiotic relationships between *mind/body, individual/collective, human/nature*.

- Promotes *authentic freedom* of (in)direct stakeholders.

- Nourishes affinity between direct stakeholders, viewed as a cyborg entity.

Output: [Miro board](#) presenting stakeholders, values, perspectives and project idea.

Feel free to use [VSD Envisioning Cards](#) to stimulate discussion.

Part 1: Stakeholders and Values

Stakeholders

- Each group member chooses a stakeholder.
- You can view yourselves as additional stakeholders (designer cyborg?)

Values

- *Authentic freedom* and *reconciling divisions* are 2 key values. Choose 3 additional primary values you would like to support.

Investigate Values

- For *at least* one primary value, consider how each direct stakeholder would relate to that value.

Part 2: Pro-active Design

Create a project concept aligned with values discussed in part 1.

- Try to include each person's chosen stakeholder as a direct stakeholder. At least indirect.

- Use Miro board with intention of explaining ideas to the class.

- Let your imagination wander! Don't get hung up on feasibility.
  - Beyond conventional Data Science. Art, story-telling, world-building, imagined futures…

- You can experiment with Chatbots and ImageGen as co-designers.

Part 2: Pro-active Design

Motivating questions

- What kind of data/models could support the identified values?
  - What should the model Umwelt be?
- Which stakeholders should be represented with data? Why? How?
- Where is there tension…
  - between stakeholder perspectives?
  - between data/models and values?
  - How can tensions be balanced/reconciled?
- How can disempowered stakeholders become empowered?
- From which projects, stories, ideas can you draw inspiration (make a mood board)?